

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
FIELD OFFICE
MN Dept. of Agriculture
PO Box 7068, St. Paul, MN 55107
Phone: (651) 296-2230

Released: September 5, 2006
Issue No: CW-35-06
E-mail: nass-mn@nass.usda.gov
Homepage: <http://www.nass.usda.gov/mn/>

USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

CROP PROGRESS AT NORMAL WEEKLY PACE

Corn and soybean development, although still well ahead of average, progressed at an average weekly pace, according to USDA, NASS, Minnesota Field Office. The canola harvest was wrapping up well ahead of average, and sugar beets were beginning to come off the field around two weeks earlier than normal. Average topsoil moisture supplies improved from a season low of 15% in late July, to 58% adequate this week.

The average temperature for the week was 64.7°, 0.9° above normal. Statewide topsoil moisture supplies as of Friday were rated 12% very short, 29% short, 58% adequate, and 1% surplus.

As of Sunday September 3rd, soybeans were estimated at 50% turning yellow compared to 38% for the five-year average. Soybeans dropping leaves were 13%, compared to 7% average. Soybean crop condition was rated 59% good or excellent, a decrease of 2 percentage points from the previous week. Eighty-five percent of the corn acreage reached the dent stage, compared to 54% for the five-year average. Corn mature was at 7%, compared to 4% average. Corn crop condition was rated 55% good or excellent, a decrease of 3 percentage points from the previous week.

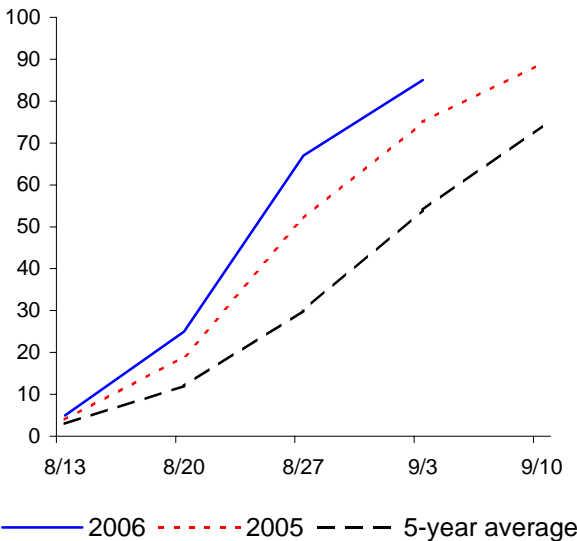
Sweet corn harvest was estimated to be 78% complete, dry bean harvest was 15% complete, and sugar beets were 5% harvested. Sugar beet crop condition was rated 65% good or excellent, and sunflower condition was rated 67% good or excellent.

| Days Suitable for Fieldwork: 6.0 | | | | |
|----------------------------------|------------|-------|----------|---------|
| | Very Short | Short | Adequate | Surplus |
| Topsoil Moisture (%) | 12 | 29 | 58 | 1 |

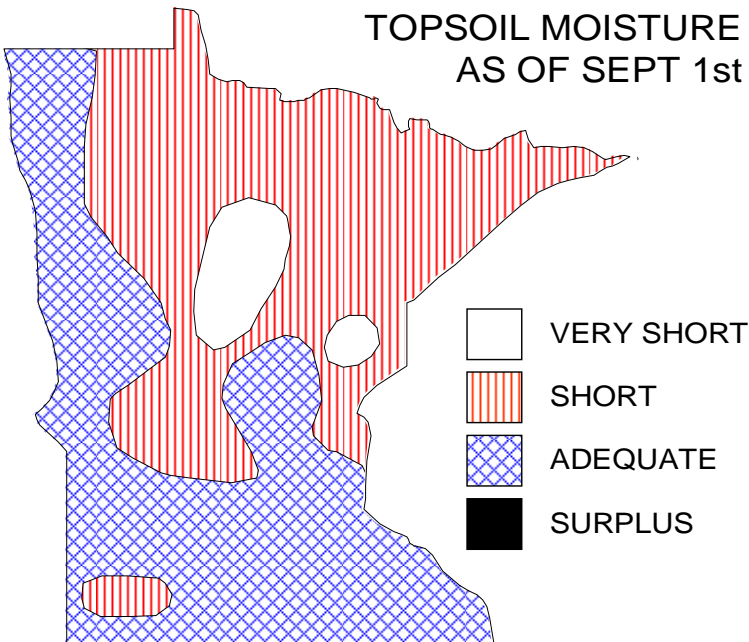
| Crop Progress as of September 3, 2006 | | | | | |
|---------------------------------------|----------------------|-----------|-----------|-----------|----------|
| Crop | Stage of Development | This Week | Last Week | Last Year | 5 Yr Avg |
| ----- Percent ----- | | | | | |
| Corn | Dough | 98 | 95 | 97 | 89 |
| | Dent | 85 | 67 | 75 | 54 |
| | Mature | 7 | 3 | 4 | 4 |
| Field Corn | Cut for Silage | 26 | 16 | 16 | 15 |
| Soybeans | Turning Yellow | 50 | 20 | 41 | 38 |
| | Dropping Leaves | 13 | 3 | 7 | 7 |
| Potatoes | Harvested | 43 | 32 | 24 | 25 |
| Sugarbeets | Harvested | 5 | 1 | 0 | 0 |
| Canola | Harvested | 98 | 82 | 84 | 58 |
| Dry Beans | Harvested | 15 | 5 | 0 | 6 |
| Sweet Corn | Harvested | 78 | 67 | 69 | 67 |

| Crop Condition as of September 1, 2006 in % | | | | | |
|---|-----------|------|------|------|-----|
| | Very Poor | Poor | Fair | Good | Exc |
| Pasture | 14 | 24 | 33 | 27 | 2 |
| Corn | 6 | 12 | 27 | 45 | 10 |
| Soybeans | 5 | 9 | 27 | 46 | 13 |
| Sugarbeets | 1 | 6 | 28 | 44 | 21 |
| Dry Beans | 7 | 19 | 46 | 21 | 7 |
| Potatoes | 2 | 6 | 20 | 34 | 38 |
| Sunflowers | 1 | 7 | 25 | 57 | 10 |

PERCENT OF FIELD CORN IN DENT STAGE
AUGUST 13 - SEPTEMBER 10



TOPSOIL MOISTURE
AS OF SEPT 1st



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING SEPTEMBER 3, 2006:
Temperatures averaged from 2.4 degrees below normal in the Southwest District to 3.2 degrees above normal in the North Central District. Extremes: 37 degrees in Hibbing; 87 degrees in Forest Lake. Precipitation averaged from 0.84 inch below normal in the Northeast District to 2.11 inches above normal in the West Central District. Greatest weekly total was 4.18 inches recorded in Canby.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 8/28/2006 through 9/3/2006

| | Temperature | | | | Precipitation | | | | G D D | |
|---------------------|-------------|-----|----------|------------------|---------------|------------------|------------|---------------------|-------------|------------------|
| | High | Low | Week Ave | Depart from Norm | Week Total | Depart Past Week | Four Weeks | From Norm Since 4/1 | Since May 2 | Depart from Norm |
| <u>NW DIST 1</u> | | | | | | | | | | |
| Crookston | 85 | 44 | 63.7 | .2 | .47 | -.13 | 1.28 | -3.94 | 2133 | 149 |
| Moorhead | 82 | 46 | 65.2 | .7 | 1.88 | 1.34 | 1.36 | -2.79 | 2293 | 218 |
| Warroad | 83 | 48 | 64.4 | 3.6 | .19 | -.46 | -1.01 | -4.89 | 1907 | 174 |
| <u>NC DIST 2</u> | | | | | | | | | | |
| Grand Rapids | 80 | 50 | 65.0 | 4.3 | .21 | -.55 | -.57 | -5.75 | 2057 | 321 |
| Intl. Falls | 78 | 41 | 61.1 | 1.8 | .02 | -.72 | -2.19 | -4.93 | 1762 | 134 |
| Itasca | 84 | 41 | 63.2 | 3.5 | .72 | -.06 | -1.63 | -6.05 | 1930 | 301 |
| <u>NE DIST 3</u> | | | | | | | | | | |
| Duluth | 78 | 53 | 62.6 | 2.6 | 0 | -1.02 | -2.74 | -3.50 | 1836 | 315 |
| Grand Marais | 76 | 52 | 62.0 | 2.0 | 0 | -.76 | -1.95 | -4.60 | 1434 | 283 |
| Hibbing | 80 | 37 | 61.2 | 1.8 | 0 | -.75 | -1.66 | -8.91 | 1755 | 174 |
| <u>WC DIST 4</u> | | | | | | | | | | |
| Alexandria | 79 | 53 | 64.0 | .3 | 1.90 | 1.15 | 3.54 | -2.44 | 2251 | 267 |
| Browns Valley | 81 | 48 | 63.0 | -2.8 | 3.45 | 2.93 | 5.28 | 3.35 | 2213 | 22 |
| Canby | 81 | 48 | 62.4 | -4.7 | 4.18 | 3.59 | 4.70 | 2.68 | 2365 | 71 |
| Fergus Falls | 82 | 53 | 65.7 | 1.6 | 1.95 | 1.33 | 3.14 | 3.16 | 2216 | 204 |
| Montevideo | 79 | 48 | 62.3 | -3.5 | 2.27 | 1.64 | 1.39 | 2.28 | 2270 | 88 |
| Morris | 82 | 48 | 64.3 | -.7 | 2.62 | 2.02 | 1.02 | -4.11 | 2192 | 66 |
| <u>CENT DIST 5</u> | | | | | | | | | | |
| Becker | 84 | 52 | 66.4 | 3.3 | 2.20 | 1.31 | 1.64 | -3.24 | 2378 | 417 |
| Collegeville | 80 | 53 | 66.4 | .1 | 1.68 | .84 | 3.21 | -.28 | 2462 | 238 |
| Hutchinson | 83 | 51 | 66.3 | .8 | 1.14 | .38 | -.71 | -3.08 | 2402 | 198 |
| Olivia | 84 | 50 | 65.4 | .8 | .70 | -.04 | -.53 | -2.00 | 2263 | 118 |
| St. Cloud | 79 | 49 | 64.8 | 1.7 | 3.00 | 2.16 | 3.31 | -.05 | 2238 | 277 |
| Staples | 82 | 48 | 64.2 | 2.6 | .84 | .19 | .45 | -4.04 | 2030 | 255 |
| Willmar | 83 | 52 | 65.5 | .5 | .86 | .07 | -.10 | -5.66 | 2352 | 211 |
| <u>EC DIST 6</u> | | | | | | | | | | |
| Aitkin | 81 | 45 | 65.2 | 4.5 | 0 | -.78 | -1.28 | -6.15 | 2039 | 360 |
| Forest Lake | 87 | 52 | 67.0 | 2.4 | .01 | -.93 | .02 | .35 | 2366 | 272 |
| MSP Airport | 81 | 58 | 67.6 | 1.0 | 1.08 | .28 | .33 | 1.34 | 2625 | 339 |
| St. Paul - UofM | 81 | 56 | 67.8 | .3 | .67 | -.23 | -.14 | 3.34 | 2568 | 221 |
| <u>SW DIST 7</u> | | | | | | | | | | |
| Lamberton | 82 | 45 | 63.4 | -2.2 | .26 | -.44 | -1.23 | 4.44 | 2311 | 81 |
| Pipestone | 79 | 43 | 63.2 | -2.0 | .95 | .26 | -.51 | -1.84 | 2244 | 99 |
| Redwood Falls | 81 | 47 | 64.6 | -2.6 | .31 | -.41 | -2.38 | .10 | 2386 | 29 |
| Worthington | 79 | 44 | 62.4 | -2.1 | .21 | -.51 | -2.08 | .39 | 2312 | 222 |
| <u>SC DIST 8</u> | | | | | | | | | | |
| Faribault | 82 | 54 | 66.8 | 1.7 | 2.63 | 1.71 | 3.19 | -1.04 | 2323 | 196 |
| Mankato | 82 | 54 | 66.0 | .0 | .92 | .01 | -2.46 | -2.55 | 2339 | 119 |
| Waseca | 82 | 51 | 67.2 | 1.7 | 1.59 | .66 | -1.13 | 1.81 | 2377 | 211 |
| Winnebago | 80 | 52 | 66.1 | .2 | .25 | -.56 | -.85 | 1.04 | 2405 | 187 |
| <u>SE DIST 9</u> | | | | | | | | | | |
| Preston | 79 | 49 | 65.3 | .6 | .14 | -.85 | -.42 | .61 | 2175 | 132 |
| Red Wing | 84 | 54 | 67.5 | 1.4 | .08 | -.81 | -.39 | -3.60 | 2375 | 169 |
| Rochester | 78 | 55 | 65.9 | 1.7 | .47 | -.41 | 1.01 | .14 | 2302 | 283 |
| Rosemount | 82 | 53 | 66.8 | 1.8 | 1.45 | .48 | -.48 | -1.52 | 2327 | 224 |
| Winona | 83 | 54 | 67.9 | -.3 | .02 | -.89 | -.38 | -4.57 | 2416 | -20 |
| m=some data missing | | | | | | | | | | |

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

PERIODICALS
POSTAGE PAID

USDA, NASS, Minnesota Field Office
PO Box 7068, ST. PAUL MN 55107
WEEKLY NEWS REPORT
Minnesota Crop-Weather Report
Publication No. 387190
Address Service Requested